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12/29/00  
JCS 09/12/00  
U.S. PTO

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

**Attorney Docket No.** 081862.P224  
(maximum 12 characters)

**First Named Inventor** Lakshminarayanan Venkataraman

**Title:** A METHOD AND APPARATUS FOR CLEARING A LARGE NUMBER OF CONNECTIONS IN AN ATM NETWORK

**Express Mail Label No.** EL431686528US

JC850 U.S. PTO  
09/12/2000  
12/29/00

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant Claims Small Entity Status. (37 CFR 1.27)
3.  Specification (Total Pages 39)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings(s) (35 USC 113) (Total Sheets 6)
5.  Oath or Declaration (Total Pages       )
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed)
    - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
    - c.  Unsigned.
6.  Application Data Sheet. (37 CFR 1.76)
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  **Assignment Papers (cover sheet & documents(s))**  
10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
 b. Power of Attorney (signed)  
11.  English Translation Document (if applicable)  
12.  a. Information Disclosure Statement (IDS)/PTO-1449  
 b. Copies of IDS Citations  
13.  **Preliminary Amendment**  
14.  **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**  
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16.  **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**  
17.  Other: \_\_\_\_\_

**18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

Continuation       Divisional       Continuation-in-part (CIP)  
Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

(which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

The undersigned states that \_\_\_\_\_ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_ (or a copy of which is attached).

**19. Correspondence Address**

Customer Number or Bar Code Label \_\_\_\_\_  
or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)  
 Correspondence Address Below

NAME Kenneth B. Paley

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (425) 827-8600 FAX (425) 827-5644

Name (PRINT/TYPE): Kenneth B. Paley Registration No.: 38,989

Signature: Kenneth B. Paley Date: December 29, 2000

**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**First Named Inventor Lakshminarayanan VenkataramanTitle A METHOD AND APPARATUS FOR CLEARING A LARGE NUMBER OF CONNECTIONS IN AN ATM NETWORKAttorney Docket No. 081862.P224

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 29, 2002

Date

Signature

Kenneth B. Paley

Typed or Printed Name

38,989

Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Send to: Assistant Commissioner for Patents, Washington, D.C. 20231

**FEE TRANSMITTAL FOR FY 2001****TOTAL AMOUNT OF PAYMENT (\$)** \$1874.00**Complete if Known:**Application No. not yet assignedFiling Date herewithFirst Named Inventor Lakshminarayanan VenkataramanGroup Art Unit not yet assignedExaminer Name not yet assignedAttorney Docket No. 081862.P224**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
Deposit Account Name \_\_\_\_\_

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:  Check  
 Credit Card  
 Money Order  
 Other

**FEE CALCULATION****1. BASIC FILING FEE**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
101	710	201	355
106	320	206	160
107	490	207	245
108	710	208	355
114	150	214	75
		Utility application filing fee	<u>710.00</u>
		Design application filing fee	_____
		Plant filing fee	_____
		Reissue filing fee	_____
		Provisional application filing fee	_____
<b>SUBTOTAL (1)</b>			<b>\$ 710.00</b>

**2. EXTRA CLAIM FEES**

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims	<u>58</u>	<u>- 20** = 38</u>	<u>X 18 = 684.00</u>
Independent Claims	<u>9</u>	<u>- 3** = 6</u>	<u>X 80 = 480.00</u>
Multiple Dependent			<u>=</u>

\*\*Or number previously paid, if greater; For Reissues, see below.

**Large Entity Small Entity**

<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee Description</u>
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$ 1164.00****FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	Surcharge - late filing fee or oath
127	50	227	Surcharge - late provisional filing fee or cover sheet
139	130	139	Non-English specification
147	2,520	147	For filing a request for ex parte reexamination
112	920*	112	Requesting publication of SIR prior to Examiner action
113	1,840*	113	Requesting publication of SIR after Examiner action
115	110	215	Extension for reply within first month
116	390	216	Extension for reply within second month
117	890	217	Extension for reply within third month
118	1,390	218	Extension for reply within fourth month
128	1,890	228	Extension for reply within fifth month
119	310	219	Notice of Appeal
120	310	220	Filing a brief in support of an appeal
121	270	221	Request for oral hearing
138	1,510	138	Petition to institute a public use proceeding
140	110	240	Petition to revive – unavoidable
141	1,240	241	Petition to revive - unintentional
142	1,240	242	Utility issue fee (or reissue)
143	440	243	Design issue fee
144	600	244	Plant issue fee
122	130	122	Petitions to the Commissioner
123	130	123	Petitions related to provisional applications
126	180	126	Submission of Information Disclosure Stmt
581	40	581	Recording each patent assignment per property (times number of properties)
146	710	246	For filing a submission after final rejection (see 37 CFR 1.129(a))
149	710	249	For each additional invention to be examined (see 37 CFR 1.129(b))
179	710	279	Request for Continued Examination (RCE)
169	900	169	Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$0.00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Kenneth B. Paley

Signature: Kenneth B. Paley

Date: December 29, 2002

Reg. Number: 38,989

Telephone Number: 425-827-8600

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**A METHOD AND APPARATUS FOR CLEARING A LARGE NUMBER OF CONNECTIONS IN AN ATM NETWORK**

Inventors: Lakshminarayanan Venkataraman;  
ShuHung Alexander Mak; and  
Cheng Chia Chu

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Kenneth B. Paley  
Reg. No. 38,989

"Express Mail" mailing label number: EL431686528US

Date of Deposit: December 29, 2000

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

**Sharon E. Farnus**

(Typed or printed name of person mailing paper or fee)

12-29-00  
(Signature of person mailing paper or fee) (Date signed)

Serial/Patent No.: <u>New Application</u>	Filing/Issue Date: <u>Herewith</u>
Client: <u>Cisco Technology, Inc.</u>	
Title: <u>A METHOD AND APPARATUS FOR CLEARING A LARGE NUMBER OF CONNECTIONS IN AN ATM NETWORK</u>	
BSTZ File No.: <u>081862.P224</u>	Atty/Secty Initials: <u>KBP:sef</u>
Date Mailed: <u>12-29-00</u>	Docket Due Date: <u>***</u>

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- Amendment/Response (\_\_\_\_pgs.)
- Express Mail No. EL431686528US Check No. 000948
- Appeal Brief (\_\_\_\_pgs.) (triplicate)
- \_\_\_\_Month(s) Extension of Time Amt: \$1874.00
- Application - Utility 39 pgs., with cover and abstract
- Information Disclosure Statement & PTO-1449 (\_\_\_\_pgs.)  Check No. \_\_\_\_\_
- Application - Rule 1.53(b) Continuation (\_\_\_\_pgs.)
- Issue Fee Transmittal
- Application - Rule 1.53(b) Divisional (\_\_\_\_pgs.)
- Notice of Appeal Amt: \_\_\_\_\_
- Application - Rule 1.53(b) CIP (\_\_\_\_pgs.)
- Petition for Extension of Time
- Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_pgs.)
- Petition for \_\_\_\_\_
- Application - Design (\_\_\_\_pgs.)
- Postcard
- Application - PCT (\_\_\_\_pgs.)
- Power of Attorney (\_\_\_\_pgs.)
- Assignment and Cover Sheet Preliminary Amendment (\_\_\_\_pgs.)
- Certificate of Mailing
- Reply Brief (\_\_\_\_pgs.)
- Declaration & POA (\_\_\_\_pgs.) Response to Notice of Missing Parts
- Disclosure Docs & Orig &
- Small Entity Declaration for Indep. Inventor/Small Business
- Copy of Inventor's Signed Letter (\_\_\_\_pgs.)
- Transmittal Letter, in duplicate
- Drawings: 6 # of sheets includes 8 figures
- Fee Transmittal, in duplicate
- Other Request and Certification under 35 U.S.C. 122 (b) (2) (B) (i) et al.